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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/603,914	06/24/2003	Hong-Da Liu	03166-UPS	4334
7590 10/06/2004				
Supreme Patent Services Post Office Box 2339 Saratoga, CA 95070-0339			EXAMINER TON, MINH TOAN T	
			ART UNIT 2871	PAPER NUMBER

DATE MAILED: 10/06/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

10/603,914

**Applicant(s)**

LIU, HONG-DA

**Examiner**

Toan Ton

**Art Unit**

2871

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 1-35 are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

***Election/Restrictions***

1. The application comprises a plurality of disclosed patentably distinct species comprising:

(1) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (1<sup>st</sup> embodiment, Figure 2);

(2) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (2<sup>nd</sup> embodiment, Figures 3a-3b and 5);

(3) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (3<sup>rd</sup> embodiment, Figure 4);

(4) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (4<sup>th</sup> embodiment, Figures 6 and 18);

(5) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (5<sup>th</sup> embodiment, Figures 7 and 19);

(6) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (6<sup>th</sup> embodiment, Figure 8);

(7) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (7<sup>th</sup> embodiment, Figures 9 and 17);

(8) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (8<sup>th</sup> embodiment, Figure 10);

(9) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (9<sup>th</sup> embodiment, Figure 11);

(10) the specifics of the device being comprised of a particular condenser having diffraction or refraction effect (an embodiment directing to Figure 16a)

(11) the specifics of the device being comprised of a particular condenser having diffraction or refraction effect (an embodiment directing to Figure 16b)

(12) the specifics of the device being comprised of a particular condenser having diffraction or refraction effect (an embodiment directing to Figure 16c)

(13) the specifics of the device being comprised of a particular condenser having diffraction or refraction effect (an embodiment directing to Figure 16d)

(14) the specifics of the device being comprised of a particular condenser having diffraction or refraction effect (an embodiment directing to Figure 16e)

2. Applicant is required under 35 U.S.C. 121 to elect a single disclosed species, even though this requirement is traversed.

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement is traversed (37 CFR 1.143).

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***Contact Information***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Toan Ton whose telephone number is (571) 272-2303.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

September 30, 2004

  
TOANTON  
PRIMARY EXAMINER